



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

File  
Norman H. Bangerter, Governor  
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

May 20, 1985

Mr. Leon Munyan  
Sunshine Mining Company  
P. O. Box 250  
Eureka, Utah 84628

Dear Mr. Munyan:

Re: Tailings Pond Construction, Burgin Project, ACT/049/009, Utah  
County, Utah

The Division has reviewed the plans submitted April 4, 1985, to construct tailings ponds for the operation of the Burgin Mill.

Several deficiencies have been noted in the plan as follows:

Rule M-3 - JRH

Figure 4. Topographic map of Pond 1.

The Sketch is missing the following; Title Block, Scale, Contour intervals, north arrow, date, contours of the dike, and reference grid and elevations.

Figures 7 and 9 are also missing similar information as in Figure 4.

The proposal does not provide the following information which will be required for approval of the tailings ponds modifications:

A map must be provided, to scale, showing the existing affected area boundaries, including the acreage of those areas. Additionally the three ponds shall also be shown and shall include the respective acreage to be disturbed in each area.

Rule M-3(2)(c) - TJS

The ponds appear to be adequately designed, however based on the waste production figures given in the plans, they appear to have a very short life (approximately 60 days). Any enlargements of these structures or use of additional areas for tailings disposal must be approved in advance by the Division.



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Rule M-5 - JRH

Quantities, productivity and cost estimates must be provided for reclamation construction of the proposed tailings pond additions. While the addition of the tailings ponds may be minor with respect to the total bond for Sunshine, these costs and design criteria for reclamation construction must be submitted with the proposal. In all likelihood, these costs will not require modification of the current bond amount required by Sunshine.

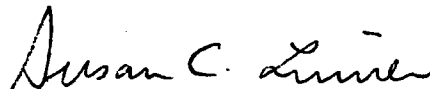
Rule M-10(12) - LK

Pond out slopes should be seeded with the temporary ground cover mix (Table 1) this fall. Mulch should be applied at a rate of 2,000-2,500 lbs/acre.

When these issues have been adequately addressed, the Division can issue an approval to begin use of the tailings ponds.

Please contact me if I can provide assistance.

Sincerely,



Susan C. Linner  
Reclamation Biologist/  
Permit Supervisor

jvb  
cc: R. Harden  
L. Kunzler  
T. Suchoski  
0028R-15